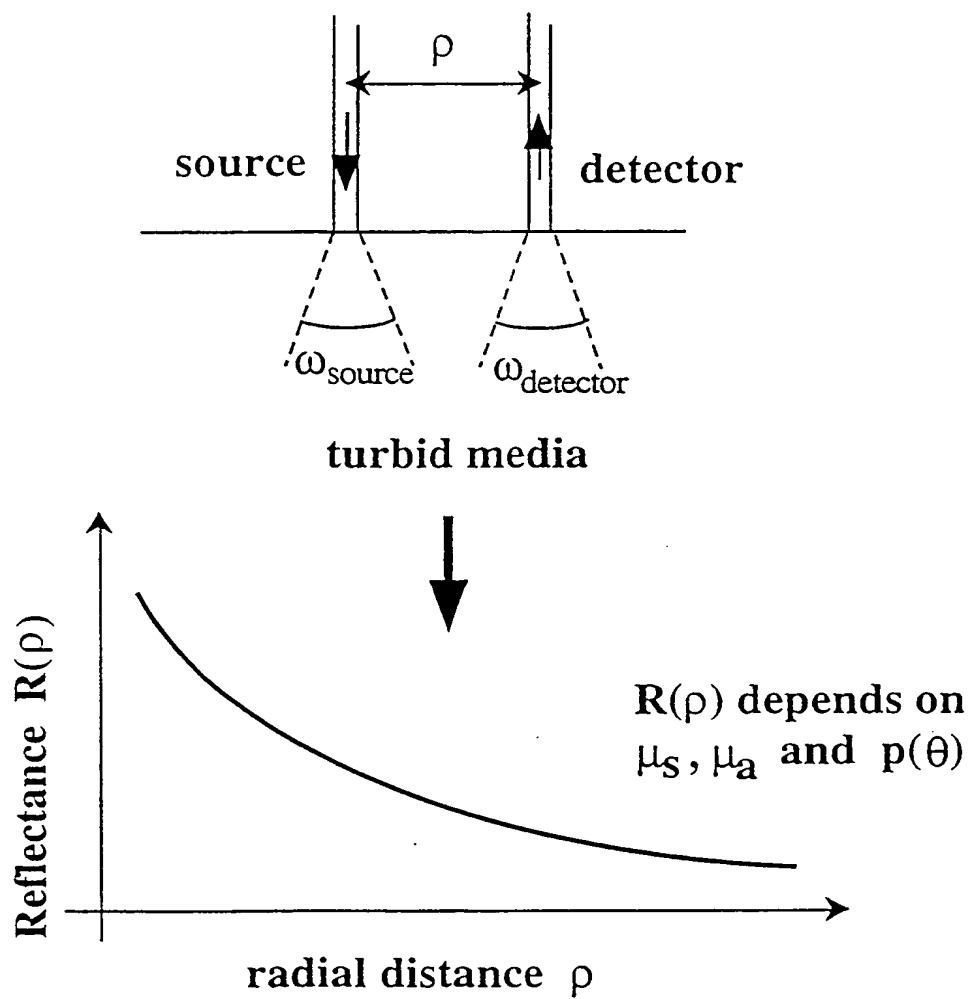


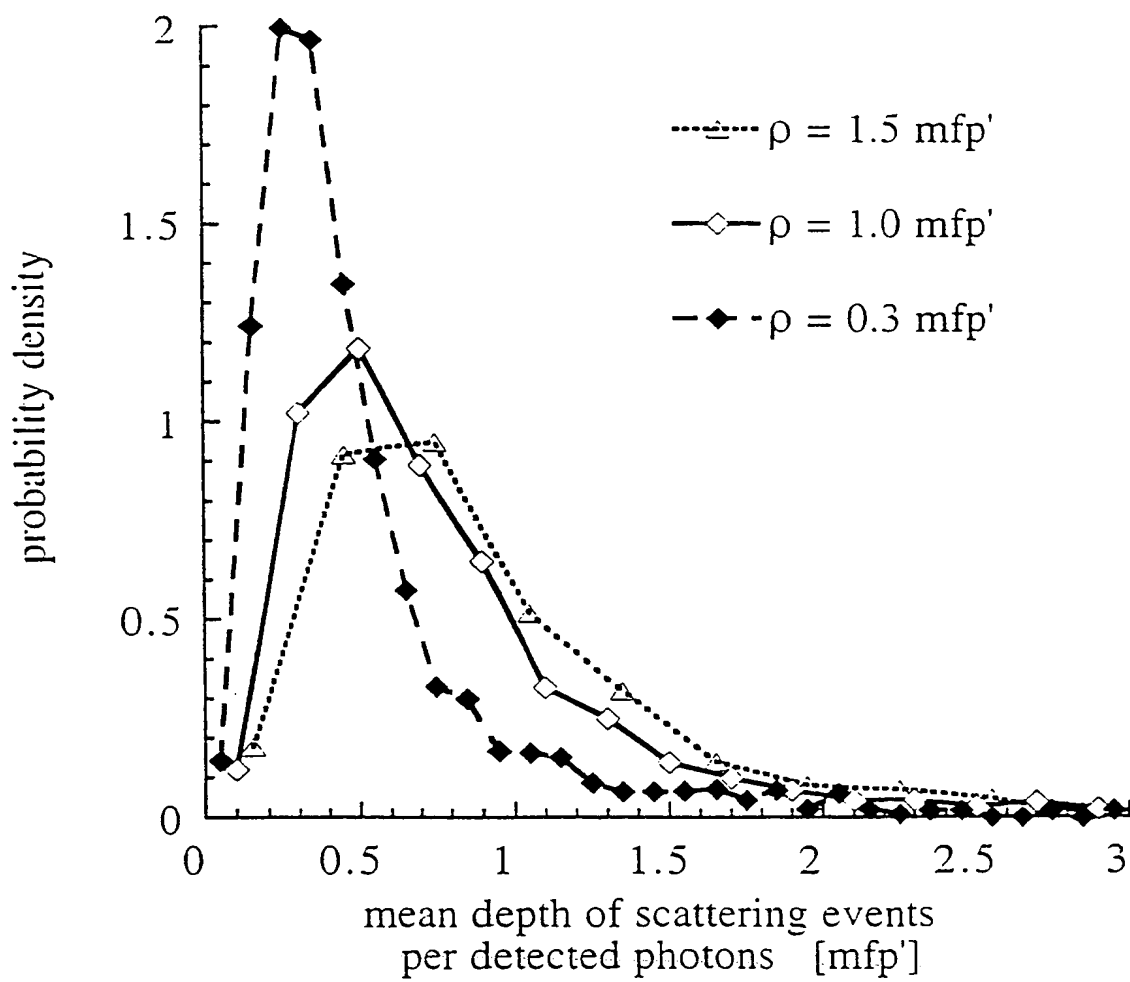
01/15

Fig.1



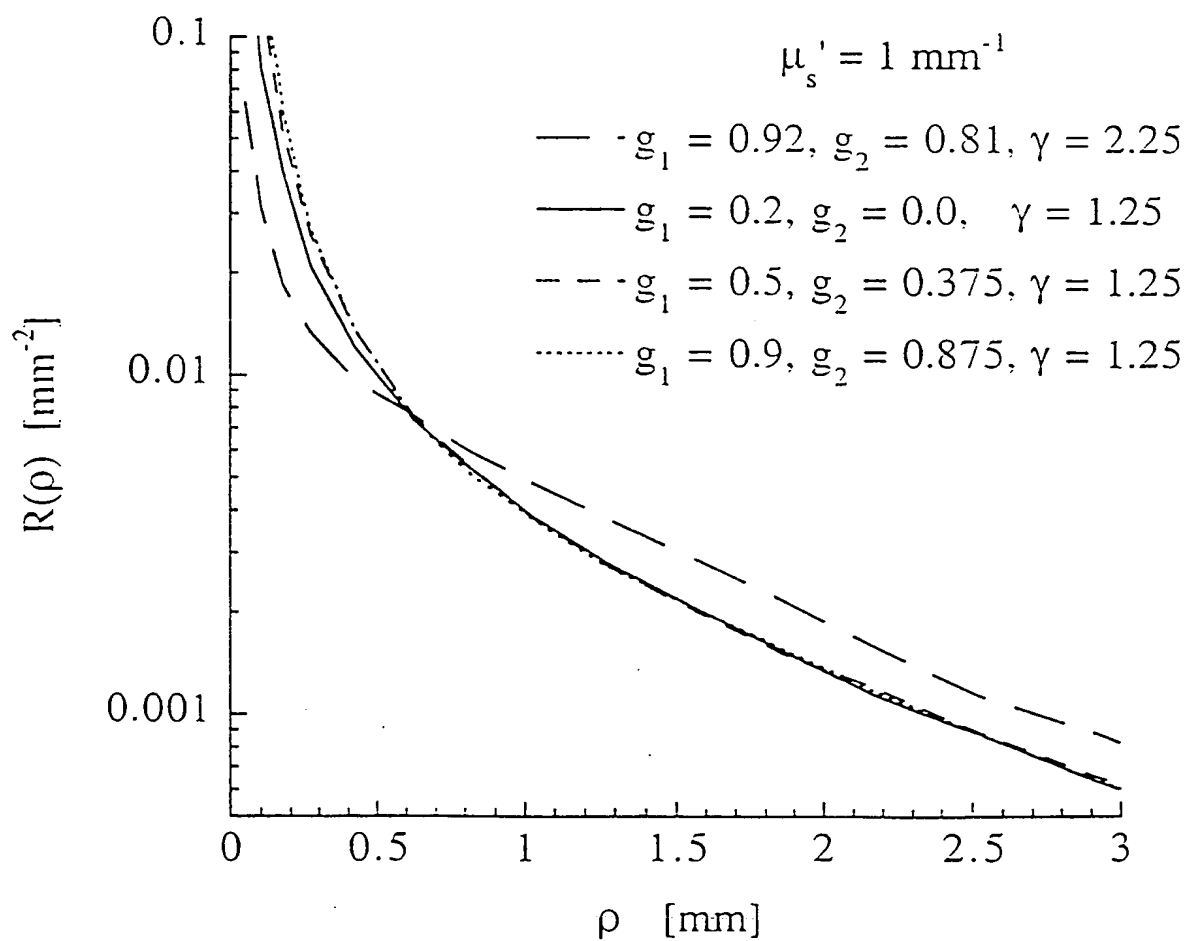
02/15

Fig.2



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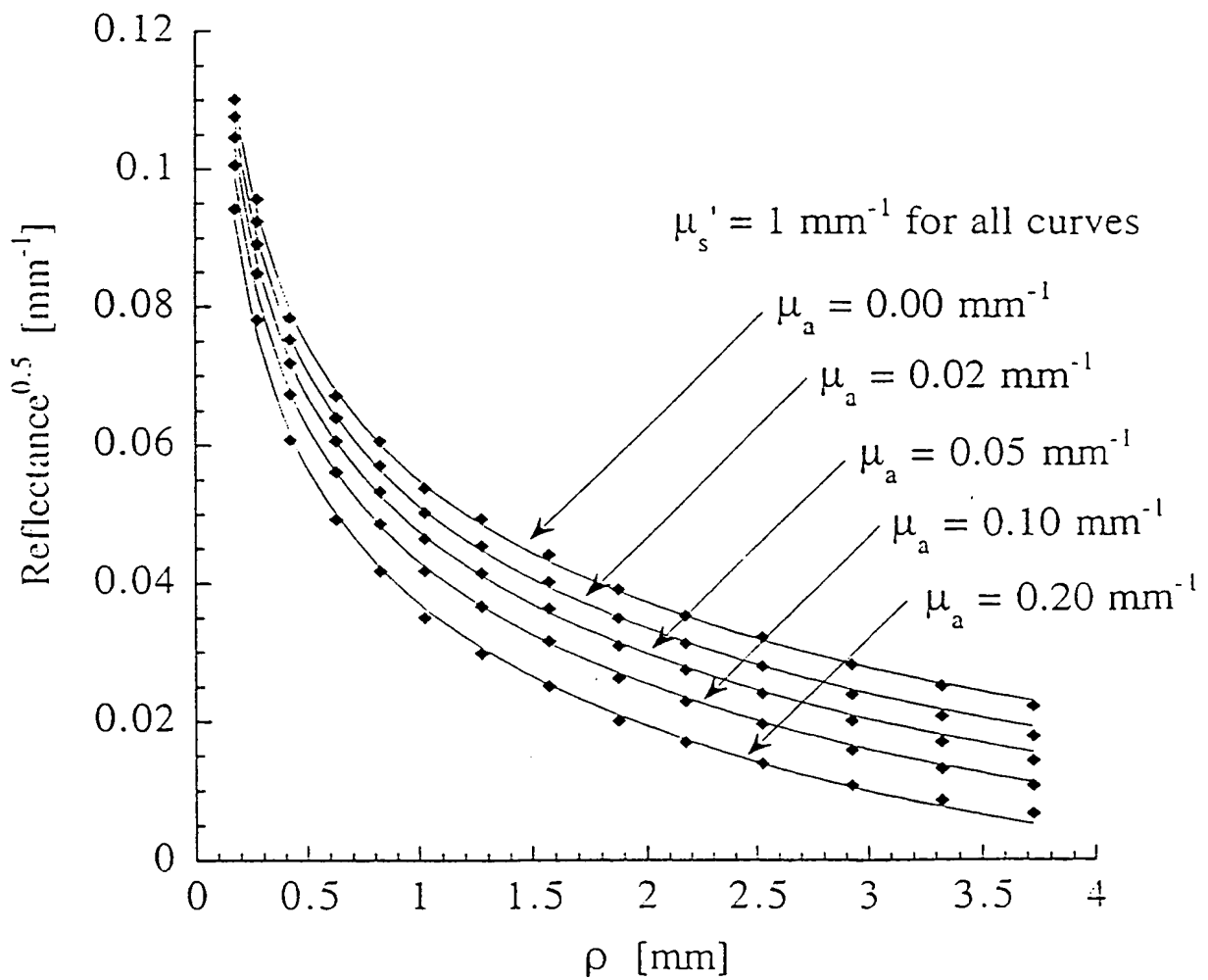
Fig. 3



04/15

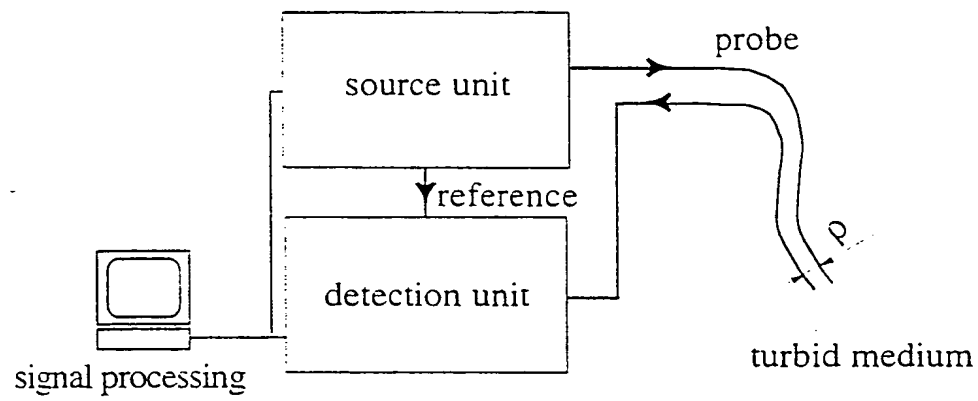
Fig. 4

♦ Monte Carlo simulations

— analytical form $R^{0.5} = A(\rho, \mu_s', \gamma) + \mu_s' B(\mu_a)$ 

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Fig. 5a



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Apparatus:

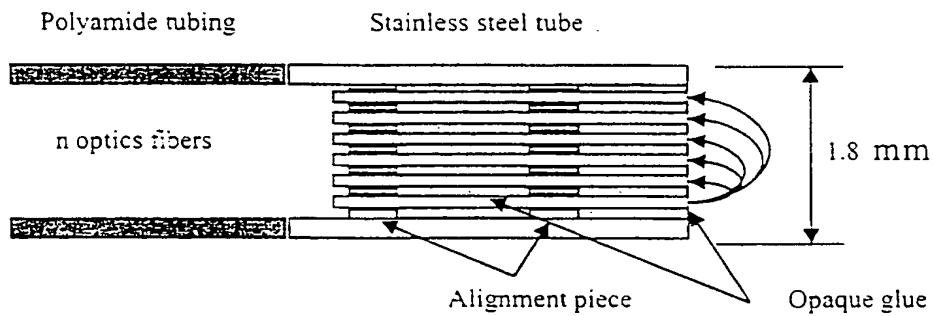
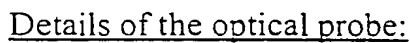
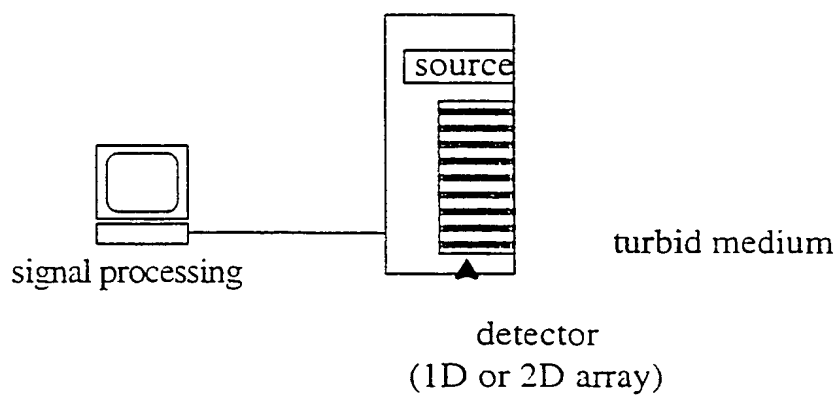


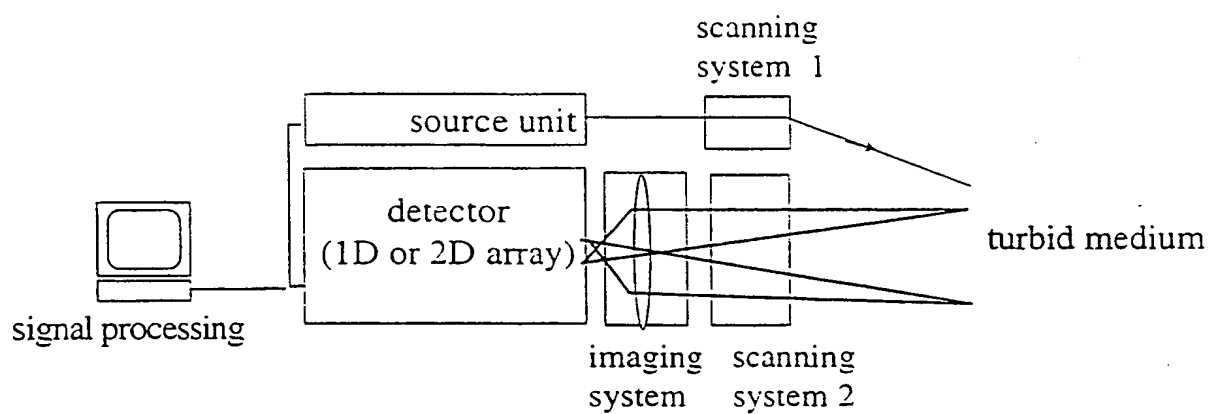
Fig. 5c



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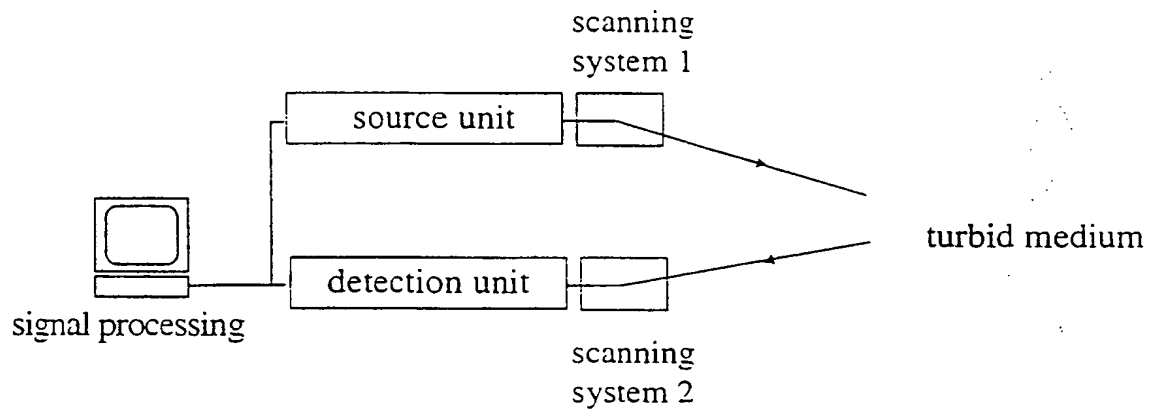
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Fig. 5d



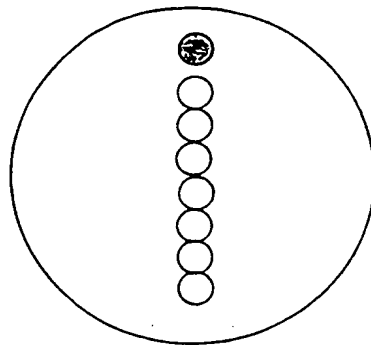
09/15

Fig. 5e



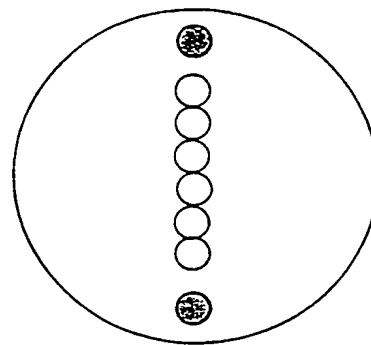
10/15

Fig.6a



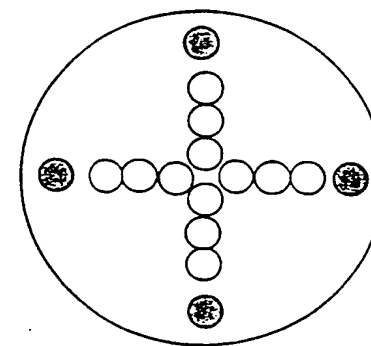
- detecting fibers
- illuminating fibers
- or
- illuminating fibers
- detecting fibers

Fig. 6b



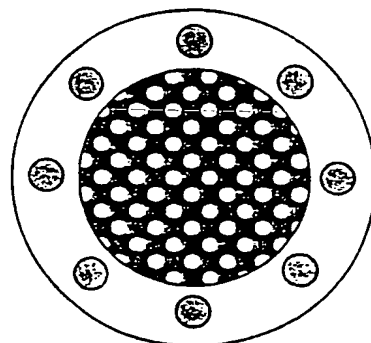
- detecting fibers
- illuminating fibers
- or
- illuminating fibers
- detecting fibers

Fig. 6c



- detecting fibers
- illuminating fibers
- or
- illuminating fibers
- detecting fibers

Fig.6d

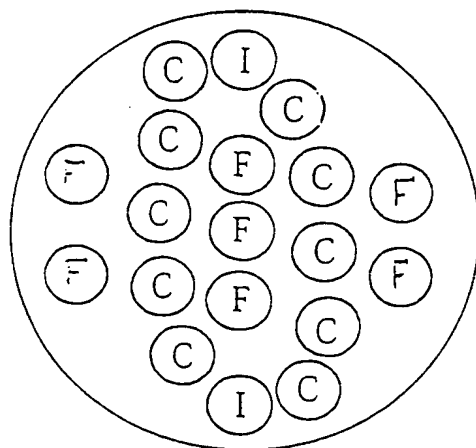


- single core fiber
(detection or illumination)
- multicore fiber or
bundle of optical fibers
(detection or illumination)

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Fig. 6e



I: Illuminating fibers

C: detecting fibers

F: additional fibers

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Fig. 7

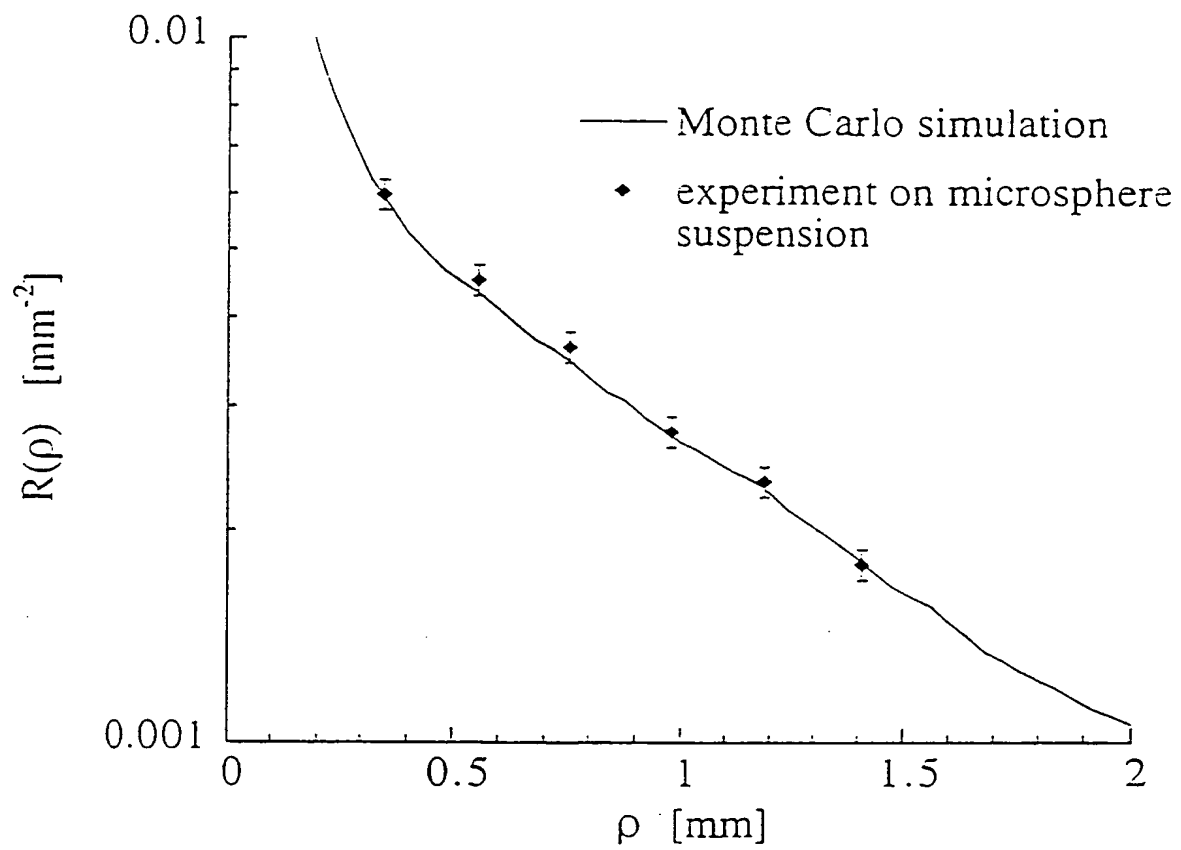
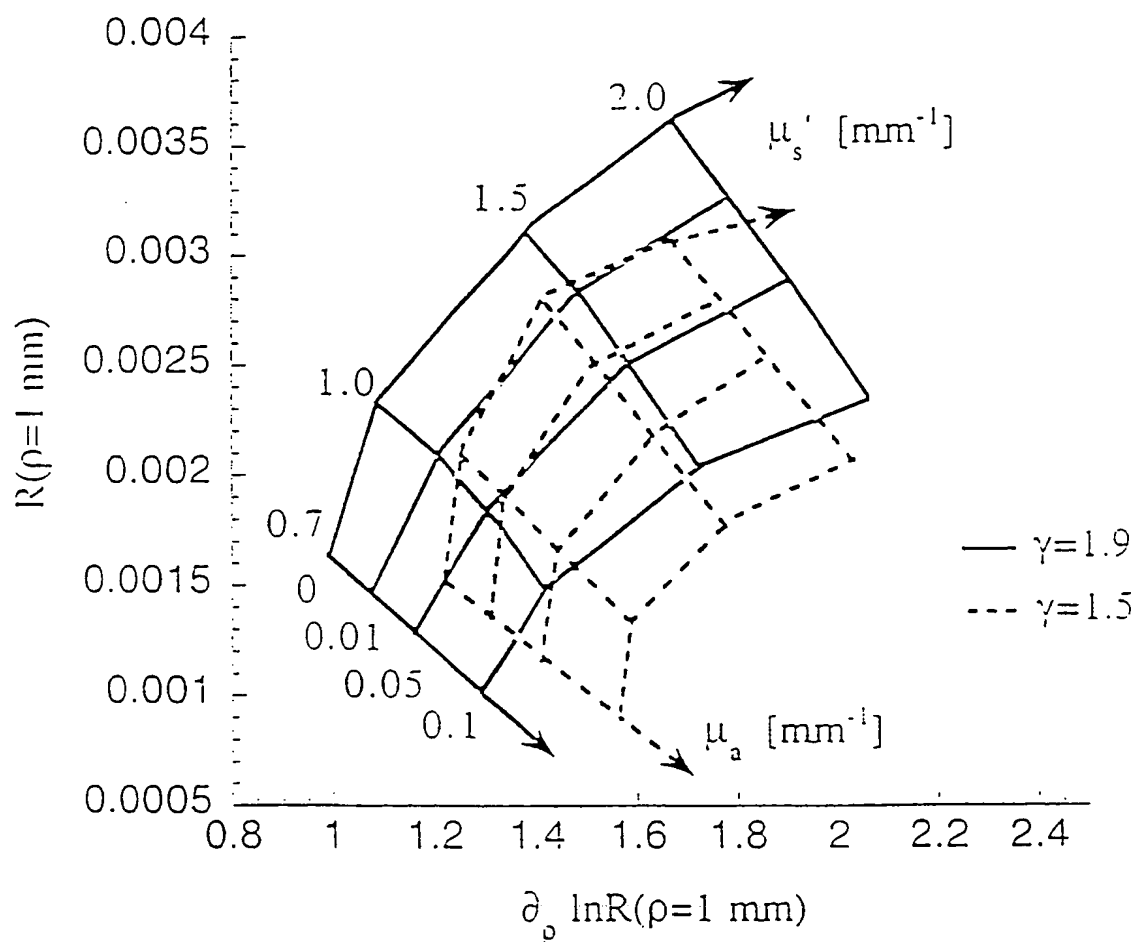


Fig. 8



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Fig. 9

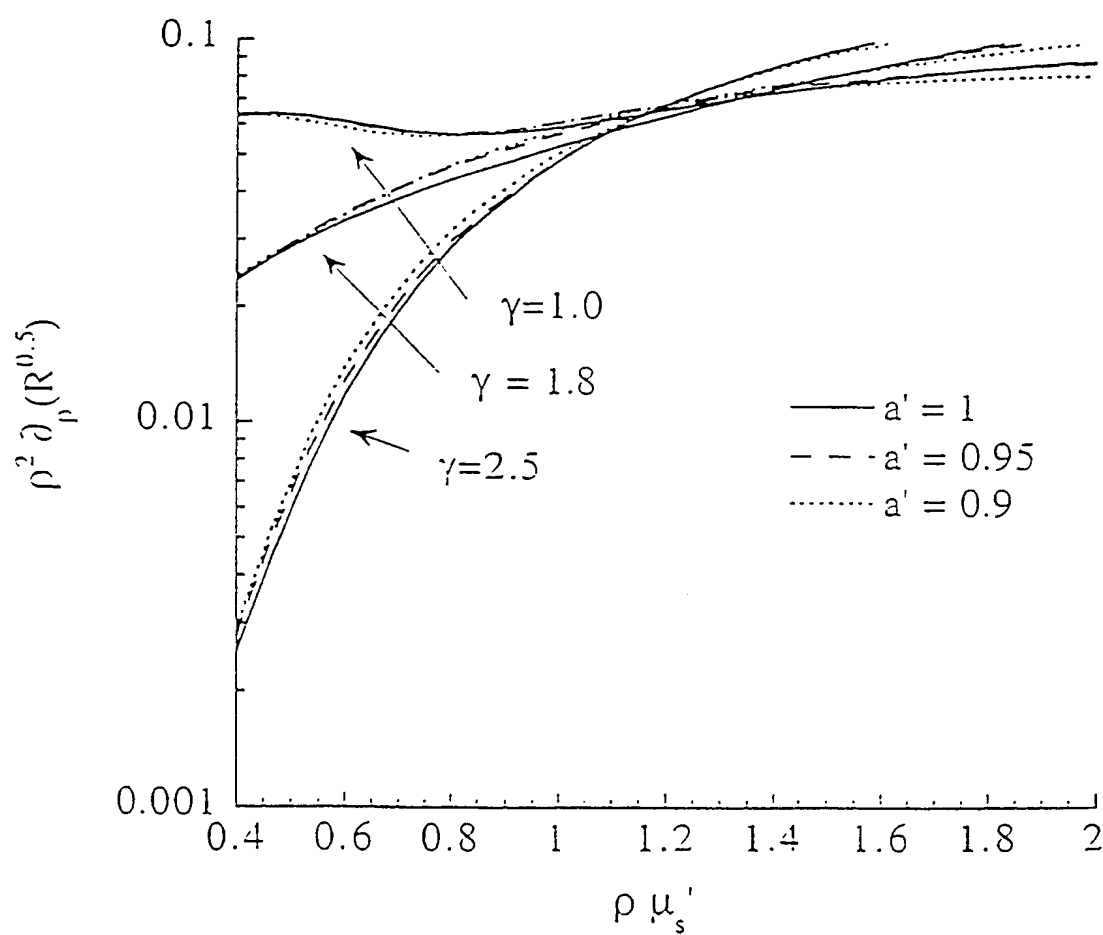


Fig. 10

